



HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10002500-2

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Ian P. Shaeffer et al.

Confirmation No.:

Application No.: Unassigned

Examiner: Unassigned

Filing Date: Herewith

Group Art Unit: Unk.

Title: PRINTED CIRCUIT BOARD HAVING SOLDER BRIDGES FOR ELECTRONICALLY CONNECTING CONDUCTING PADS AND METHOD OF FABRICATING SOLDER BRIDGES

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- (X) under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- () under 37 CFR 1.97(c) together with either a:
() Statement under 37 CFR 1.97(e), or
() a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
() Statement under 37 CFR 1.97(e)(1) or (2), and
() a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

(X) Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

() A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individual(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV 310 988 600 US

Respectfully submitted,

Date of Deposit Sept. 3, 2003

Ian P. Shaeffer et al.

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450

By Michael Binzak

Michael R. Binzak

Attorney/Agent for Applicant(s)
Reg. No. 38,081

By John A. Parker

Typed Name: John A. Parker

Date: Sept. 3, 2003

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Sheet 1 of 1

FORM PTO-1449		ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT		10002500-2		
(Use several sheets if necessary)		APPLICANT	Ian P. Shaeffer et al.	
		FILING DATE	GROUP	
		Herewith		

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
1A	4,528,064	Jul. 9, 1985	Ohsawa et al.	
1B	5,011,066	Apr. 30, 1991	Thompson	
1C	6,260,518	Nov. 9, 1993	Tanaka et al.	
1D	5,325,629	Jul. 5, 1994	Hsu	
1E	5,395,643	Mar. 7, 1995	Brown et al.	
1F	5,404,637	Apr. 11, 1995	Kawakami	
1G	5,436,028	Jul. 25, 1995	Becher et al.	
1H	5,463,191	Oct. 31, 1995	Bell et al.	
1I	5,509,597	Apr. 23, 1996	Laferriere	
1J	5,543,584	Aug. 6, 1996	Handford et al.	
1K	5,553,538	Sep. 10, 1996	Freitag	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	1L					
	1M					
	1N					
	1O					
	1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	
1R	
1S	

EXAMINER	DATE CONSIDERED
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PATENT APPLICATION

Sheet 2 of 2

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		ATTY. DOCKET NO. 10002500-2	APPLICATION NO.	CONFIRMATION NO.
		APPLICANT Ian P. Shaeffer et al.		
		FILING DATE Herewith	GROUP	

REFERENCE DESIGNATION **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Where Relevant Passages or Figures Appear
2A	5,740,730	Apr. 21, 1998	Thompson, Sr.	
2B	5,743,007	Apr. 28, 1998	Onishi et al.	
2C	5,804,248	Sep. 8, 1998	Hewett	
2D	5,867,898	Feb. 9, 1999	Lauffer et al.	
2E	6,020,561	Feb. 1, 2000	Ishida et al.	
2F	6,026,566	Feb. 22, 2000	Urban et al.	
2G	6,091,155	Jul. 18, 2000	Jonaidi	
2H	6,165,596	Dec. 26, 2000	Chen et al.	
2I	6,259,608	Jul. 10, 2001	Berardinelli et al.	
2J	6,320,139	Nov. 20, 2001	Byle et al.	
2K				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
	2L					
	2M					
	2N					
	2O					
	2P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	
	2R	
	2S	

EXAMINER

DATE CONSIDERED